

CK-2042

CHEHALIS-FLEETWOOD 4.3km

2014 Inspection

CBR iPad Offline Ver 0.17

CBR Data

Latitude	Longitude
49°23'26.99"	-122°1'14.5"
Road Name	CHEHALIS-FLEETWOOD
User km	4.3
Current Load Rating (tonnes)	136
Structure Class	Permanent Bridge
Portable	N
Superstructure	Steel I-beam
Deck Type	Concrete Composite
Abutment Left	Steel Pipe and Precast Pad
Abutment Right	Steel Pipe and Precast Pad
Spans	1
Total Length (m)	27.5
Deck Width (m)	4.9

Updated Data

Latitude	Longitude
49°23'26.93"	-122°1'14.47"
HD Diff. (m)	2.1
Accuracy (m)	5
Chehalis-Fleetwood	
4.0	
136 tonnes	
Permanent Bridge	
N	
Steel I-beam	
Concrete Composite	
Steel Pipe and Precast Pad	
Steel Pipe and Precast Pad	
1	
27.5	
4.9	

Inspection

Date of Inspection 2014-09-09 11:22:25 AM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspection Comments

P.Eng Comments

Replace missing delineators and bridge ahead signs. Brush approaches with activity and monitor the bearing pad condition at each inspection. Present load rating of L150 or 136 tonnes to continue.



T.W. Miller
Dec 17/2014

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Approach

Alignment Fair

Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required Y

Delineator Missing
Left ☐ 0 ☐ 1 ☒ 2

Delineator Missing
Right ☐ 0 ☒ 1 ☐ 2

Fender Condition Fair

Posted Load Rating not posted

Road Surface Fair

Abutment

Log/Timber Cribs N/A

Tie Backs N/A

Bin Wall N/A

Concrete N/A

Caps or Sills Fair

Piles or Posts Good

Ballast Wall Fair

Wing Wall N/A

Bracing Good

Hardware N/A

Fill Good

Riprap Good

Bearings Fair

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Corrosion Protection Fair

Deck

Running Surface Fair

Running Planks N/A

Sub Deck N/A

Ties N/A

Nails N/A

Deck to Girder Bolts N/A

Concrete Deck Fair

Grout Pockets Fair

Deck Joints Fair

Steel Deck Plate N/A

Gravel Surface N/A

Curb Rail/Blocks/Posts Good

Hand Rails/Walkouts N/A

Hardware Good

Overall Deck Condition Fair

Gravel Depth (mm)

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Steel/Concrete

Girders Good

Diaphragms Good 5 bays, bolted

Bracing Good

Under Trussing N/A

Hardware Good

Welded/grouted
shear connectors N/A

Log

Log Curbs

Needle Beam

Needle Lashing/
Shimming

Needle Beam to Crib (m)

Needle Diameter (mm)

Stringer Number	Species	Peeled	Diameter (mm)	Rot Depth (mm)	Comment
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Hazards

Estimated Present Water Level Depth (m) 0.5

High Water ☐Debris ☐

Estimated Present Water Level Width (m) 10.

Aggradation ☐Scour ☐

Estimated High Water Level Clearance (m) 3.0

Ice ☐

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Medium	brush approaches
2	Medium	replace missing delineators and bridge ahead signs
3		

Monitor Item

Monitor Description

Monitoring Frequency

1 bearing pads

Routine Inspection

2

3

Sketch
(Select Signature)

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Approach from Left Bank when facing downstream



Approach from Right Bank when facing downstream



Deck



downstream right bearing pads

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upstream right bearing pads



superstructure



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream

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downstream left bearing



upstream left bearing